



USMC UPDATE

AFEB Spring 2004

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OIF II Issues

- Eye Protection
- Injury patterns
- Leishmaniasis



Eye Protection



- Eye protection very effective in blast injury cases.
- Style versus effectiveness.
- Large scale implementation of new system.



Injury Patterns



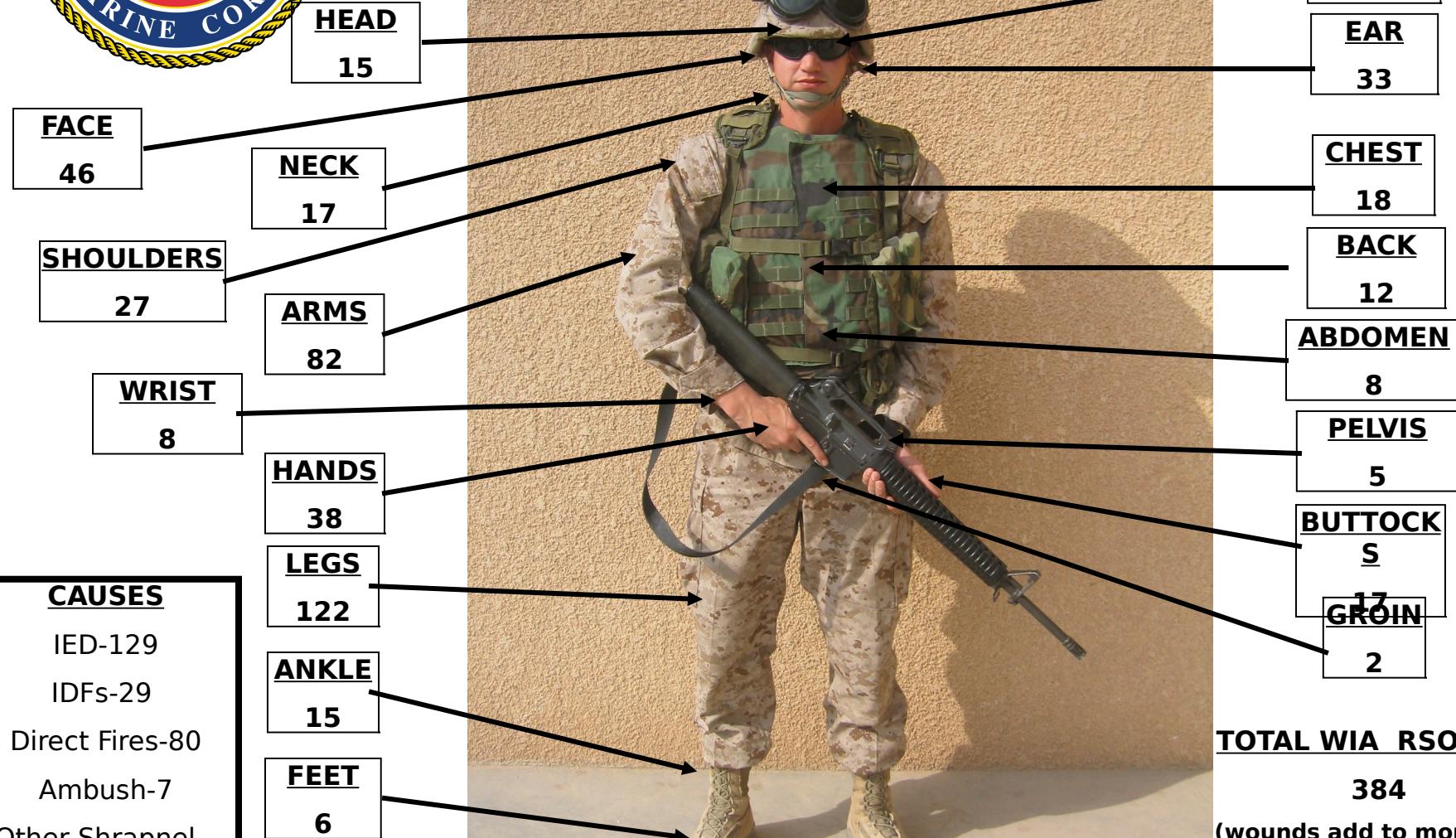
- Body armor protects torso.
- Neck protection recently added.
- Where else do we need to add protection?

Torso = 36% surface area

Head/neck = 10% surface area



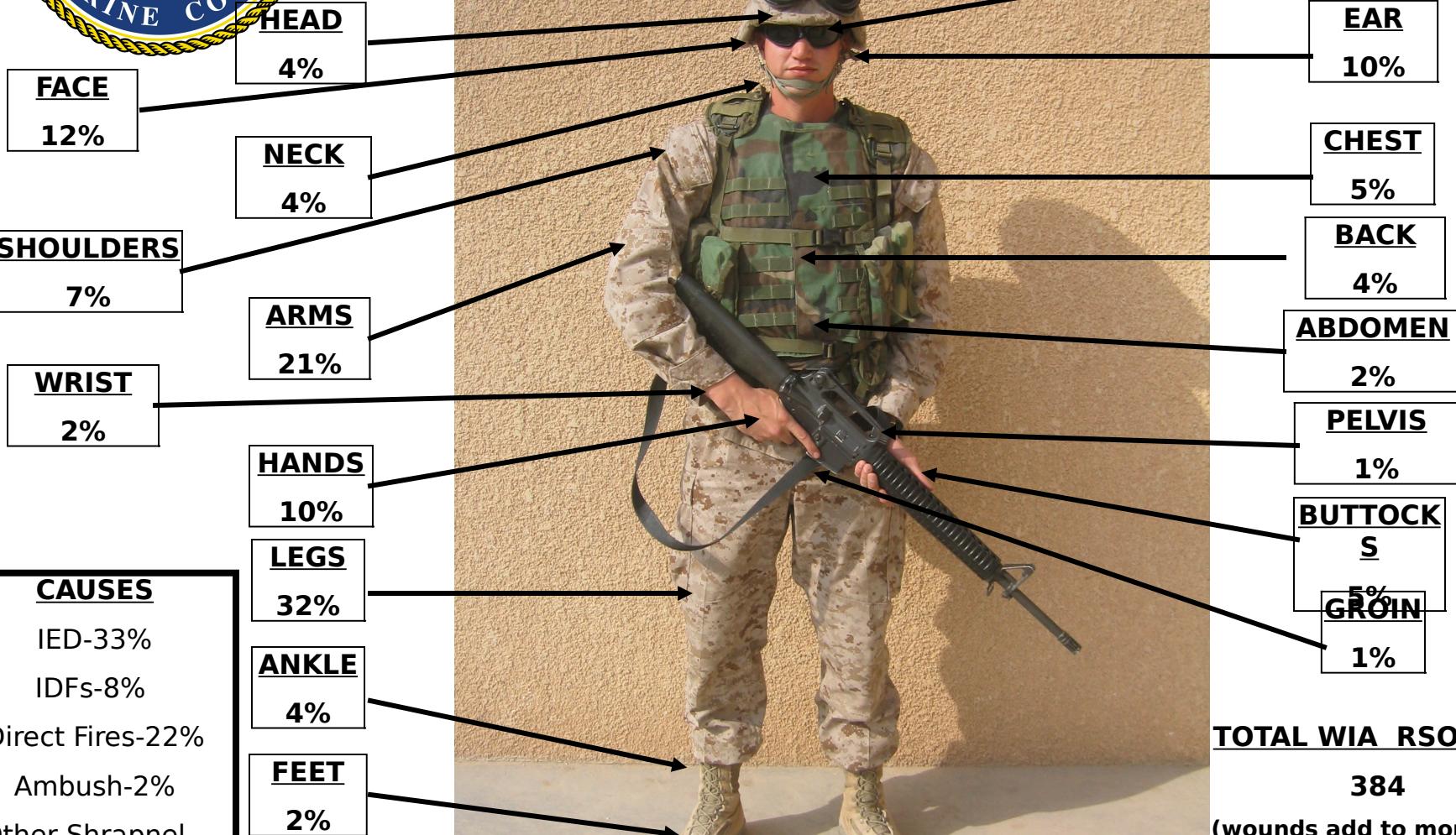
Number of Wounds by Area





Percentage by Area

CAUSES	
IED-33%	
IDFs-8%	
Direct Fires-22%	
Ambush-2%	
Other Shrapnel - 24%	



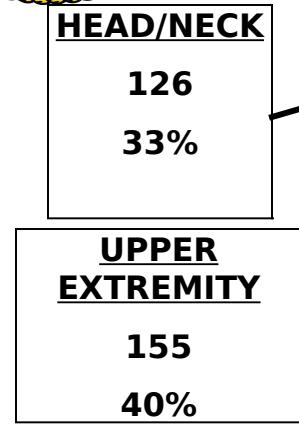
UNCLASSIFIED

TOTAL WIA RSO - Apr**384**

(wounds add to more than 384 due to multiple injury sites)



Wounds by Large Area



TOTAL WIA RSO -
Apr
384

Percent adds to more
 than 100 due to multiple
 injury sites

TORSO
38
10%

PELVIS
24
6%

LOWER EXTREMITY
143
37%

CAUSES

IED-129

IDFs-29

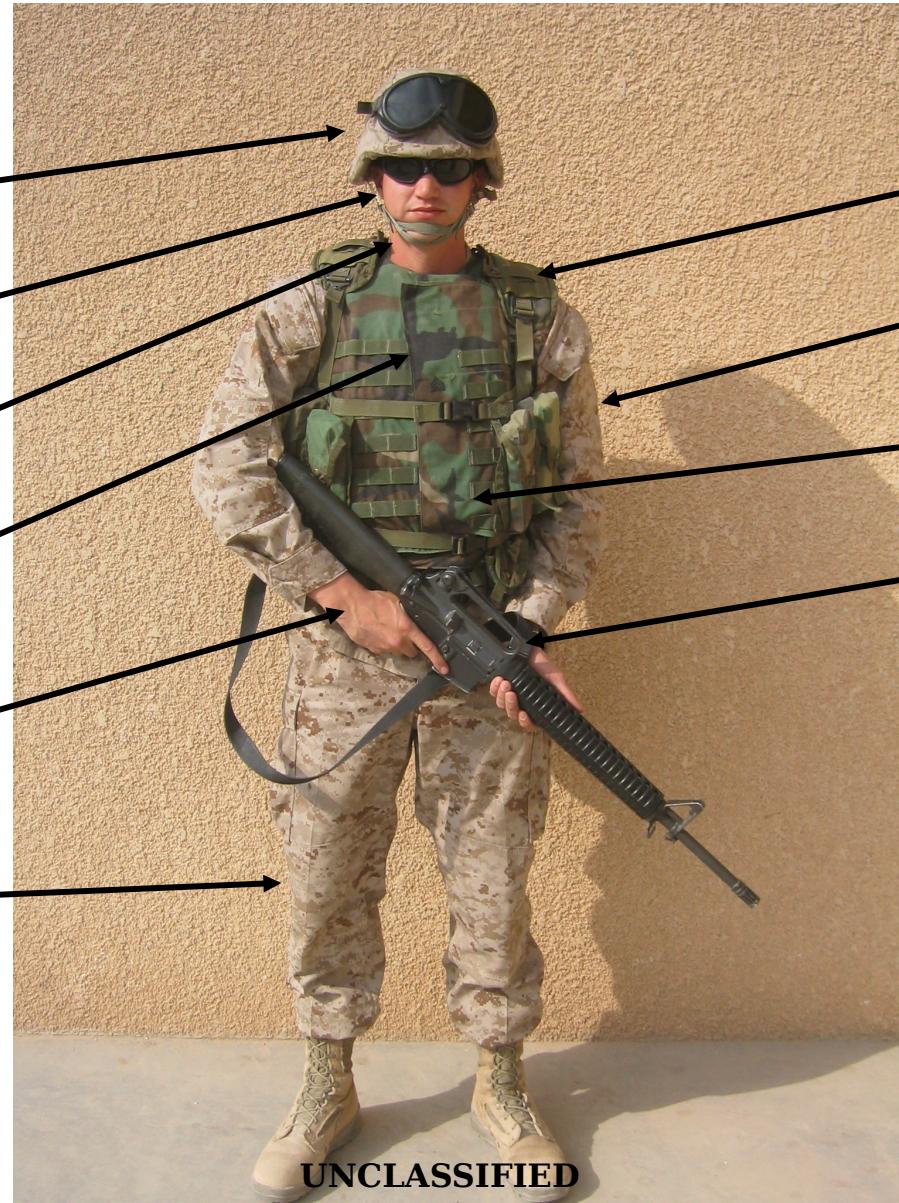
Direct Fires-80

Ambush-7

Other Shrapnel -
 93



KIA Wounds by Area



HEAD

8

FACE

2

NECK

5

CHEST

4

HANDS

1

LEGS

2

Shoulders

2

ARMS

2

ABDOMEN

1

HIP/PELVIS

1

CAUSES

IED-6

IDFs-6

Direct Fires-29

Other Shrapnel - 3

Other - 6

TOTAL KIA RSO -
Apr

50

Missing data due to incomplete PCR's or trauma listed as



Expanding Coverage



- Enhanced axillary and lateral chest protection.
- Enhanced groin and thigh protection.



Leishmaniasis

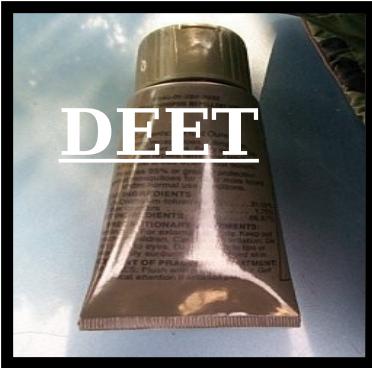
- 12 cases in USMC supporting OIF out of over 74,000 deployed.
- Bed nets available in country.
- Next generation bed net contracts.
- Commercial permethrin treatment of uniforms.
- Factory-treated uniforms.
- Risk communication.



GOT DEET?

Help prevent the bites from Sand Flies which causes Leishmaniasis. Use DEET along with permethrin treated uniforms

- **Apply a thin coat to EXPOSED skin**
- **Effective for up to 12 hours**
- **Do not apply to eyes, lips, sensitive or damaged skin, or plastic.**
- **Skin repellent of choice!**



**DEET can be picked up at :
MHG Aid
Station (next to Turkish**



Sand Fly bites.



Leishmaniasis - caused from the bite of a Sand Fly.



Questions?

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